

REMARKS

Claims 1-18 are pending. Claims 1-18 are rejected by this Office Action. The Applicant previously filed a preliminary amendment to amend the title to "A Goal Based System, Utilizing a Table Based Architecture".

This Office Action acknowledges the Applicant's claim for priority based on US Application No. 09/218,945 filed on December 22, 1998.

The Applicant thanks the Examiner for withdrawing the objections to the drawings and specification including the Abstract. The Applicant thanks the Examiner for withdrawing the objections to claim 10. The Applicant also thanks the Examiner for withdrawing the rejections of claims 1-9 under 35 U.S.C. § 101 and 35 U.S.C. § 112, first paragraph, and for withdrawing the rejections of claims 1-3, 5-6, 8, 10-12, 14-15, and 17 as being anticipated by U.S. 5,694,601 (White) under 35 U.S.C. § 102.

Information Disclosure Statement

The Applicant is filing a Supplementary IDS as a separate paper. The IDS contains the date of publication for the "CAPTOR a model for delivering web based intelligent tutoring system technology" reference.

Typographical Errors

In the response to the previous Office Action, the Applicant mistakenly transcribed "instantiates" as "instantiates instantiating" in claims 14 and 18.

Claim Rejections – 35 USC § 103

Claims 1-18 are rejected under 35 U.S.C. 103(a) being obvious over WO 97/44766 A1 (Cook) in view of U.S. 5,727,161 (Purcell). The Applicant has amended claim 1 to include the feature of "managing information flow utilizing a table of components, **wherein each component encapsulates behavior and data necessary to support a related set of services.**" (Emphasis added.) This amendment is supported by the specification as originally filed. For example, the present patent application discloses (Page 9, lines 4-5):

A **Component** can be thought of as a black box that encapsulates the behavior and data necessary to support a related set of services.

The Office Action admits that the feature of “managing information flow utilizing a table of components” is not taught by Cook. Moreover, Purcell does not teach or even suggest the feature of “managing information flow utilizing a table of components, wherein each component encapsulates behavior and data necessary to support a related set of services.” Purcell merely teaches (Abstract. Emphasis added.):

Graphic analyses are displayed on a computer display screen showing graph lines of mathematical relationships between goals and factors in a spreadsheet plan and depicting continuums of what-ifs across ranges of variation from the spreadsheet plan, providing information for planning and management of the factors to improve results for the goals. Goals and factors reflect elements of the plan for which, in the spreadsheet, values are contained in output and input cells respectively. The goals and factors are selected by the user from lists that are created and displayed. After such selection, the designated graphic analysis is performed and the graph lines for the selected goal and factor(s) are displayed. The user is able to analyze and evaluate entire ranges of "what-if" possibilities using the graph lines. Desired graph points can be moved to interactively in order to arrive at desired what-if possibilities. At any selected what-if possibility, print and numeric text can be displayed that provides information about the selected what-if possibility. For any desired graph point, a new spreadsheet plan model can be generated with new data reflecting the selected graph point. Selected graphic analyses can be saved in a method and customized user interface that simplify later redevelopment of the graphic analyses ready for further interactive moves to what-if possibilities.

Purcell merely provides for a graphical analysis for a selected goal and factor corresponding to a selected what-if possibility. Even though Purcell’s teachings provide a graphical analysis of an economic plan at selected goals and factors, Purcell’s teachings fail to encapsulate the behavior and data of an economic plan. The behavior and data of an economic plan encapsulates selected what-if possibilities as well as unselected what-if possibilities. Thus, claim 1 is patentable over Cook in view of Purcell.

Similarly, the Applicant has amended claim 10 to include “logic that manages information flow utilizing a table of components, wherein each component encapsulates behavior and data necessary to support a related set of services”. Moreover, claims 1-9 and 11-18 ultimately depend from claims 1 and 10. Thus, claims 2-18 are patentable for at least the above reasons. The Applicant requests reconsideration of claims 1-18.

CONCLUSION

All objections and rejections have been addressed. Hence, it is respectfully submitted that the present application is in condition for allowance, and a notice to that effect is earnestly solicited.

Respectfully submitted,

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